

Project Name: Gold King Mine	Site Location: Silverton, San Juan County, Colorado	Project No. 0001/1408-01
--	---	------------------------------------



Photo No. 1	Date: 08/04/2015	
Direction Photo Taken: North		
Description: Beginning investigation into collapsed adit.		

Photo No. 2	Date: 08/04/2015	
Direction Photo Taken: North		
Description: Excavated next to DRMS-installed culvert, water muddy from soil disturbance.		

Project Name:

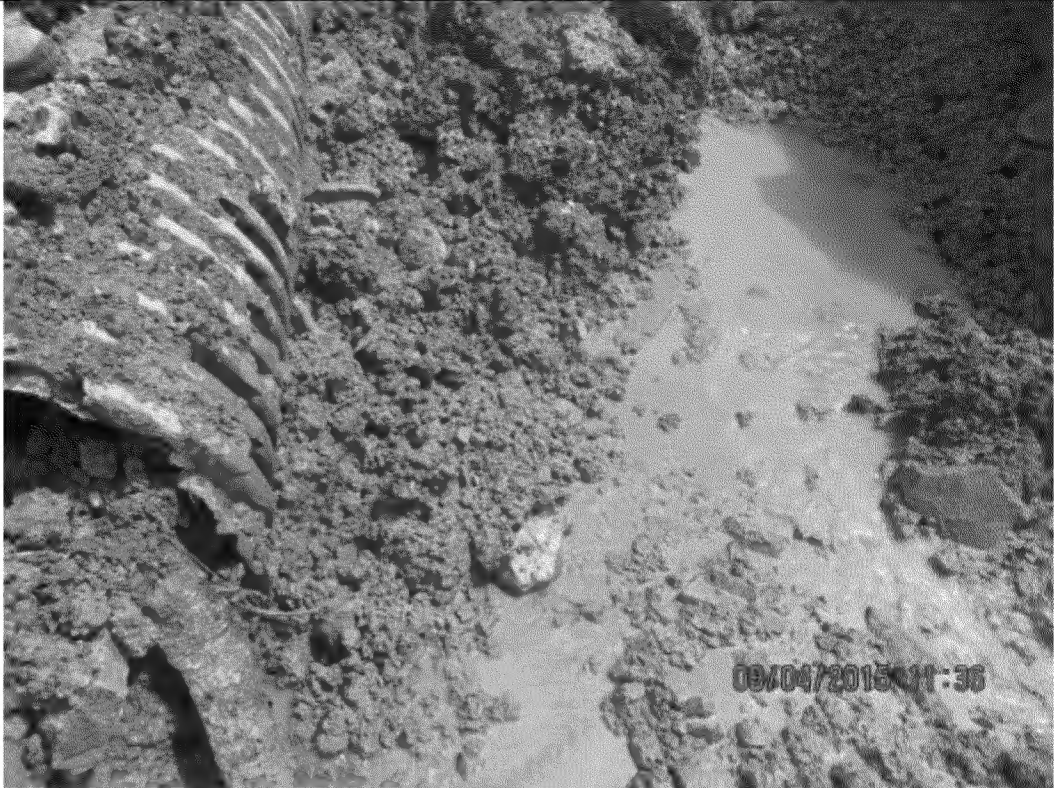

Gold King Mine

Site Location:



Silverton, San Juan County, Colorado

Project No.

0001/1408-01

<p>Photo No. 3</p>	<p>Date: 08/04/2015</p>	
<p>Direction Photo Taken:</p> <p>Down</p>		
<p>Description: Seepage from soil next to piping.</p>		
<p>Photo No. 4</p>	<p>Date: 08/04/2015</p>	
<p>Direction Photo Taken:</p> <p>Down</p>		
<p>Description: Seepage next to the pipe is clear until entering disturbed soil.</p>		

Project Name: Gold King Mine	Site Location: Silverton, San Juan County, Colorado	Project No. 0001/1408-01
--	---	------------------------------------

Photo No. 5	Date: 08/04/2015	
Direction Photo Taken: North		
Description: DRMS looking at adit excavation progress.		
Photo No. 6	Date: 08/04/2015	
Direction Photo Taken: West		
Description: Water minimally murky from disturbed soil and water entering the North Fork from site.		

Project Name: Gold King Mine	Site Location: Silverton, San Juan County, Colorado	Project No. 0001/1408-01
--	---	------------------------------------


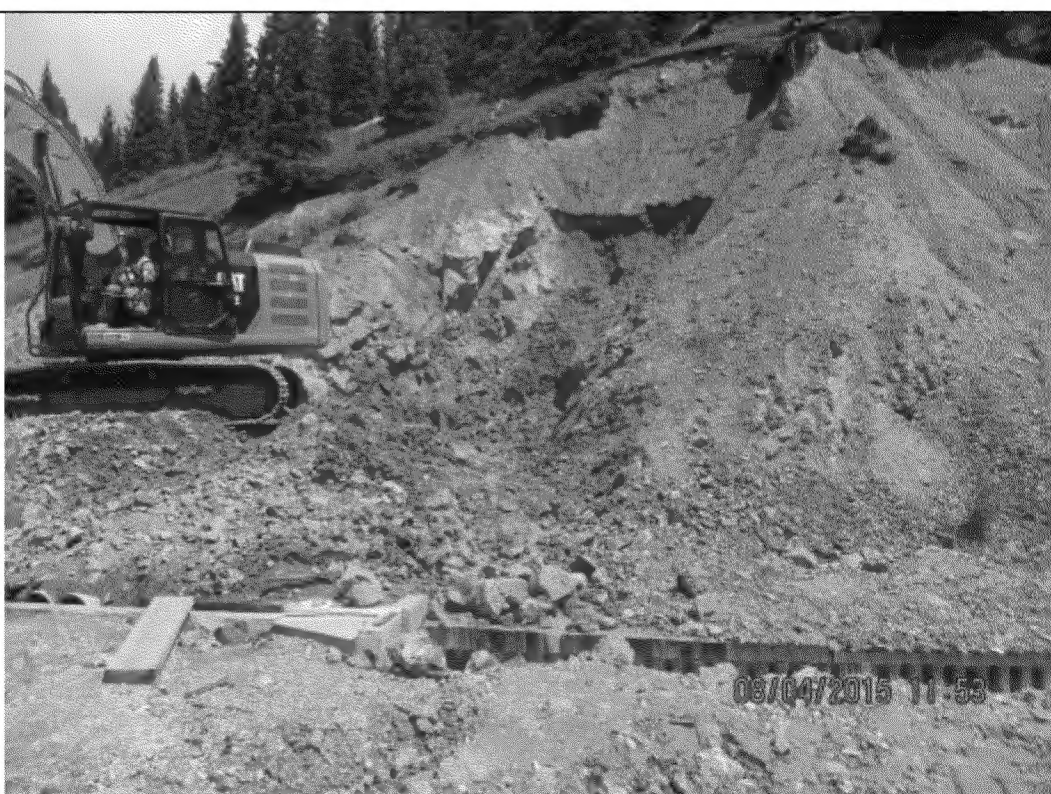


Photo No. 7	Date: 08/04/2015	
Direction Photo Taken: South/Down		
Description: Hay bales installed as filter for sediment in North Fork.		

Photo No. 8	Date: 08/04/2015	
Direction Photo Taken: Northwest		
Description: Continuing excavation at the collapsed adit, no solid bedrock found for tunnel support.		

Project Name: Gold King Mine	Site Location: Silverton, San Juan County, Colorado	Project No. 0001/1408-01
--	---	------------------------------------

Photo No. 9	Date: 08/04/2015	
Direction Photo Taken: Northeast		
Description: First signs of adit, support pillar with lagging.		
Photo No. 10	Date: 08/04/2015	
Direction Photo Taken: East		
Description: Water of the North Fork just upstream of Cement Creek.		

Project Name:

Gold King Mine

Site Location:

Silverton, San Juan County, Colorado

Project No.

0001/1408-01

Photo No.

11

Date:

08/04/2015

Direction Photo Taken:

East

Description:

Water of the North Fork just upstream of Cement Creek.



Photo No.

12

Date:

08/04/2015

Direction Photo Taken:



North

Description:

Collapsed supports uncovered above anticipated adit, no sign of bedrock above the adit area.



Project Name: Gold King Mine	Site Location: Silverton, San Juan County, Colorado	Project No. 0001/1408-01
--	---	------------------------------------

Photo No. 13	Date: 08/05/2015	
Direction Photo Taken: North		
Description: Adit conditions the morning of 8/5.		
Photo No. 14	Date: 08/05/2015	
Direction Photo Taken: Northeast		
Description: Excavating material above the collapsed adit.		

Project Name:



Gold King Mine

Site Location:



Silverton, San Juan County, Colorado

Project No.

0001/1408-01

<p>Photo No. 15</p>	<p>Date: 08/05/2015</p>	
<p>Direction Photo Taken:</p> <p>North</p>		
<p>Description: Bedrock found above the anticipated adit.</p>		
<p>Photo No. 16</p>	<p>Date: 08/05/2015</p>	
<p>Direction Photo Taken:</p> <p>North</p>		
<p>Description: Cleaning out excavated material, small leak.</p>		

Project Name: Gold King Mine	Site Location: Silverton, San Juan County, Colorado	Project No. 0001/1408-01
--	---	------------------------------------

Photo No. 17	Date: 08/05/2015	
Direction Photo Taken: North		
Description: Small leak close up.		
Photo No. 18	Date: 08/05/2015	
Direction Photo Taken: North		
Description: Hole starting to give way to flow.		

Project Name:

Gold King Mine

Site Location:

Silverton, San Juan County, Colorado

Project No.

0001/1408-01

**Photo
No.
19**

Date:
08/05/2015

**Direction Photo
Taken:**

Northeast

Description:

Adit flow increasing.



**Photo
No.
20**

Date:
08/05/2015

**Direction Photo
Taken:**



Northeast

Description:

Water flooding out at
increased rate.



Project Name: Gold King Mine	Site Location: Silverton, San Juan County, Colorado	Project No. 0001/1408-01
--	---	------------------------------------

Photo No. 21	Date: 08/05/2015	
Direction Photo Taken: West		
Description: Water flowing along access road and across waste dump		
Photo No. 22	Date: 08/05/2015	
Direction Photo Taken: Southeast		
Description: Water flowing over the edge of the waste dump and collapsing the edge		

Project Name: Gold King Mine	Site Location: Silverton, San Juan County, Colorado	Project No. 0001/1408-01
--	---	------------------------------------



Photo No. 23	Date: 08/05/2015	
Direction Photo Taken: Southwest		
Description: Exit route starting to collapse		



Photo No. 24	Date: 08/05/2015	
Direction Photo Taken: Southeast/Down		
Description: Edge of the tailings dump collapsed, suburban trapped and half submerged in center of photo.		

Project Name: Gold King Mine	Site Location: Silverton, San Juan County, Colorado	Project No. 0001/1408-01
--	---	------------------------------------

Photo No. 25	Date: 08/05/2015	 <p style="text-align: right;">08/05/2015 11:08</p>
Direction Photo Taken: Northeast		
Description: Gold King adit exposed.		

Photo No. 26	Date: 08/05/2015	 <p style="text-align: right;">08/05/2015 11:11</p>
Direction Photo Taken: Southeast		
Description: Water flow washing out the existing road. Note Suburban in left side of photo.		

Project Name: Gold King Mine	Site Location: Silverton, San Juan County, Colorado	Project No. 0001/1408-01
--	---	------------------------------------

Photo No. 27	Date: 08/05/2015	
Direction Photo Taken: North		
Description: Exposed adit, roughly 10 feet wide by 15 feet high.		
Photo No. 28	Date: 08/05/2015	
Direction Photo Taken: North		
Description: pH of discharge water is approximately 4 to 4.5.		

Project Name:
Gold King Mine

Site Location:
Silverton, San Juan County, Colorado

Project No.
0001/1408-01





Photo No. 29	Date: 08/05/2015	
Direction Photo Taken: Northeast		
Description: Excavator redirecting water into existing half-pipe channel		

Photo No 30	Date: 08/05/2015	
Direction Photo Taken: Southeast/Down		
Description: Collapsed portion of waste dump and road wash out.		

Project Name: Gold King Mine	Site Location: Silverton, San Juan County, Colorado	Project No. 0001/1408-01
--	---	------------------------------------

Photo No. 31	Date: 08/05/2015	
Direction Photo Taken: Northeast		
Description: Adit area after regrading.		
Photo No. 32	Date: 08/05/2015	
Direction Photo Taken: North		
Description: Exposed adit and redirected flow, flow is beginning to subside.		

Project Name:
Gold King Mine

Site Location:
Silverton, San Juan County, Colorado

Project No.
0001/1408-01



Photo No. 33	Date: 08/05/2015	
Direction Photo Taken: East		
Description: Redirected flow into existing half culvert channel.		

Photo No. 34	Date: 08/05/2015	
Direction Photo Taken: North		
Description: Closeup of adit.		

Project Name:

Gold King Mine

Site Location:

Silverton, San Juan County, Colorado

Project No.

0001/1408-01

**Photo
No
35**

Date:
08/05/2015

**Direction Photo
Taken:**

West

Description:

Excavator beginning
work to secure safe exit
route for equipment,
vehicles, and
personnel.



**Photo
No
36**

Date:
08/05/2015

**Direction Photo
Taken:**

East

Description:

Existing flow channel at
maximum capacity



Project Name:

Gold King Mine

Site Location:

Silverton, San Juan County, Colorado

Project No.

0001/1408-01

**Photo
No.
37**

Date:
08/05/2015

**Direction Photo
Taken:**

Southwest/Down

Description:

Excavator progress on
fixing access road to
create a safe exit route



**Photo
No.
38**

Date:
08/05/2015

**Direction Photo
Taken:**



East

Description:



Existing culvert flows
subsiding minimally.





Project Name: Gold King Mine	Site Location: Silverton, San Juan County, Colorado	Project No. 0001/1408-01
--	---	------------------------------------

Photo No. 39	Date: 08/05/2015	
Direction Photo Taken: North		
Description: No changes visible in adit structure or supports. Sloughing of materials inside the mine can be heard.		
Photo No. 40	Date: 08/05/2015	
Direction Photo Taken: South/Down		
Description: Excavator progresses to washed out North Fork crossing.		



Project Name: Gold King Mine	Site Location: Silverton, San Juan County, Colorado	Project No. 0001/1408-01
--	---	------------------------------------

Photo No 41	Date: 08/05/2015	
Direction Photo Taken: Southwest/Down		
Description: Noted visitor to the site, unknown person, walked up to excavator at North Fork crossing and then back to vehicle.		
Photo No 42	Date: 08/05/2015	
Direction Photo Taken: Southwest/Down		
Description: Visitor leaving		



Project Name: Gold King Mine	Site Location: Silverton, San Juan County, Colorado	Project No. 0001/1408-01
--	---	------------------------------------

Photo No. 43	Date: 08/05/2015	
Direction Photo Taken: South/Down		
Description: Excavator continues to fix access road. Continued high flow is slowing progress.		
Photo No. 44	Date: 08/05/2015	
Direction Photo Taken: East		
Description: Half culvert flow continues to subside		



Project Name: Gold King Mine	Site Location: Silverton, San Juan County, Colorado	Project No. 0001/1408-01
--	---	------------------------------------

Photo No. 45	Date: 08/05/2015	
Direction Photo Taken: North		
Description: Water levels lowering at adit entrance, no visible changes to structure.		
Photo No. 46	Date: 08/05/2015	
Direction Photo Taken: West		
Description: Flight for life Helicopter coming up the valley to pick up a person who crashed a vehicle on Corkscrew Pass, not related to this event.		



Project Name: Gold King Mine	Site Location: Silverton, San Juan County, Colorado	Project No. 0001/1408-01
--	---	------------------------------------

Photo No. 47	Date: 08/05/2015	
Direction Photo Taken: Southwest		
Description: Close up of Flight for Life.		
Photo No. 48	Date: 08/05/2015	
Direction Photo Taken: Northeast		
Description: Flow path from adit, water flow appears to have stabilized around 1400.		

Project Name: Gold King Mine	Site Location: Silverton, San Juan County, Colorado	Project No. 0001/1408-01
--	---	------------------------------------

Photo No. 49	Date: 08/05/2015	
Direction Photo Taken: North		
Description: pH measured at approximately 4.5.		
Photo No. 50	Date: 08/05/2015	
Direction Photo Taken: Southwest/Down		
Description: DRMS arrives back on site, had visited the site around 0930 to check on progress of investigation, left approximately 1030, prior to blowout.		

Project Name: Gold King Mine	Site Location: Silverton, San Juan County, Colorado	Project No. 0001/1408-01
--	---	------------------------------------

Photo No. 51	Date: 08/05/2015	
Direction Photo Taken: North		
Description: Looking up from the toe of the Gold King waste dump directly south of the adit.		
Photo No. 52	Date: 08/05/2015	
Direction Photo Taken: Northeast		
Description: Gold King Mine tailings dump after water discharge.		

Project Name:

Gold King Mine

Site Location:

Silverton, San Juan County, Colorado

Project No.

0001/1408-01

Photo No.
53

Date:
08/05/2015

Direction Photo Taken:

East

Description:

Looking east across Cement Creek from County Road 10 to excavator fixing County Road 52 at North Fork crossing just south of Red and Bonita Mine.



Photo No.
54

Date:
08/05/2015

Direction Photo Taken:

East

Description:

Cement Creek crossing at Gladstone.





PHOTOGRAPH LOG

Project Name:

Gold King Mine

Site Location:

Silverton, San Juan County, Colorado

Project No.

0001/1408-01